



1.7 Find Perimeter, Circumference, and Area

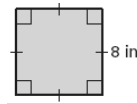
Square  $A = s^2$ $P = 4s$

Rectangle  $A = l \cdot w$ $P = 2l + 2w$

Triangle  $A = \frac{1}{2}bh$

Circle  $A = \pi r^2$
 $C = 2\pi r$ or πd

Find the perimeter (or circumference) and area of the figure.

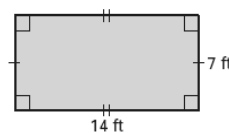


$$P = 32 \text{ in}$$

$$A = 64 \text{ in}^2$$

from wsA

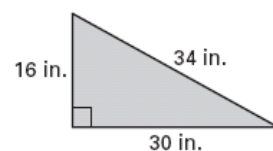
Find the perimeter (or circumference) and area of the figure.



$$P = 42 \text{ ft}$$

$$A = 98 \text{ ft}^2$$

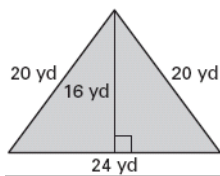
Find the perimeter (or circumference) and area of the figure.



$$P = 80 \text{ in}$$

$$A = 240 \text{ in}^2$$

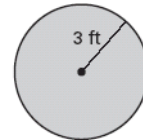
Find the perimeter (or circumference) and area of the figure.



$$P = 64 \text{ yd}$$

$$A = 192 \text{ yd}^2$$

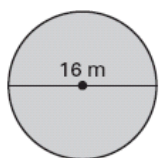
Find the perimeter (or circumference) and area of the figure.



$$C = 6\pi \approx 18.8 \text{ ft}$$

$$A = 9\pi \approx 28.27 \text{ ft}^2$$

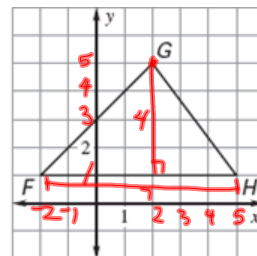
Find the perimeter (or circumference) and area of the figure.



$$C = 16\pi \approx 50.3 \text{ m}$$

$$A = 64\pi \approx 201.1 \text{ m}^2$$

Find the perimeter (or circumference) and area of the figure. Round to the nearest tenth.



$$A = 14 \text{ u}^2$$

The area of a rectangle is 551 square inches, and its width is 19 inches. Find the length of the rectangle.

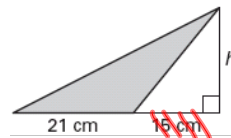
$$A = l \cdot w$$

$$551 = 19 \cdot l$$

$$29 \text{ in} = l$$

Area = 189 cm²

Find height.



$$A = \frac{1}{2}bh$$

$$189 = \frac{1}{2}21 \cdot h$$

$$18 \text{ cm} = h$$

The circumference of a circle is 37.7 in. Find the area. $A \approx 113.1 \text{ in}^2$

$$C = 2\pi r$$

$$37.7 = 2\pi \cdot r$$

$$\frac{37.7}{(2\pi)} = r$$

$$6.0 \text{ in} = r$$

NEW HW

p44-45 #s 3-8, 12, 13, 18-25

p52-54 #s 4, 6, 8, 18, 28, 29, 31